

IN THE CLAIMS:

- E1
1. (Cancelled).
 2. (Previously presented) A stencil printer as defined in Claim 8 in which the drive assembly is configured to stop in a position where the stress applied to the diaphragm of the diaphragm pump is less than 75% of the elastic limit of the diaphragm.
 3. (Previously presented) A stencil printer as defined in claim 8 in which the drive assembly is configured such that the maximum stress applied to the diaphragm during operation of the diaphragm pump is less than 75% of the elastic limit of the diaphragm.
 4. (Previously presented) A stencil printer as defined in Claim 8 wherein said diaphragm is composed of fluoro-rubber or natural rubber.
 5. (Previously presented) A stencil printer as defined in Claim 8 wherein said ink comprises an ultraviolet ray curing ink.
 6. (Currently Amended) A stencil printer comprising an ink supply pump in the form of a diaphragm pump, said diaphragm pump including a diaphragm composed of a material whose swelling ~~ratio~~ ratio to the ink is not larger than 1.05, wherein the maximum stress applied to the diaphragm during operation of the diaphragm pump does not exceed 75% of the elastic limit of the diaphragm.
 7. (Previously presented) A stencil printer comprising an ink supply pump for ultraviolet curing ink, said ink supply pump being in the form of a diaphragm pump configured so that the maximum stress applied thereto during operation does not exceed 75% of the elastic limit of the diaphragm pump.
 8. (Original) A stencil printer comprising:
an ink supply pump comprising a diaphragm pump having a diaphragm operable

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(concluded)
between a first position preventing fluid flow of an ink and a second position permitting fluid flow of the ink therethrough; and

a drive assembly for driving said diaphragm between said first and second positions,
wherein said diaphragm is driven by said drive assembly such that a stress applied to the diaphragm is limited to less than 75% of the elastic limit of the diaphragm.
